Figure 2



BamHI

NdeI

SbfI

ITR

Fiber

PCR fragment

NY-UP

NY-DOWN

NdeI    NsiI    SbfI

**NY-UP** : 5'-CGA **CAT ATG** TAG **ATG CAT** TAG TTT GTG TTA TGT TTC AAC GTG-3' (SEQ ID NO:36)
            NdeI            NsiI

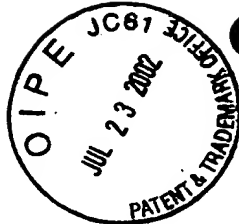**NY-DOWN** : 5'-GGA GAC CAC TGC CAT GTT G-3' (SEQ ID NO:37)

Figure 4: Sequence of Ad5/fib16 chimeric fiber

**ATG**AAGCGCGCAAGACCGTCTGAAGATACCTTCAACCCCGTGTATCCATATGAAGATGAAAGCAGCT
CACAACACCCCTTTATAAACCCTGGTTTCATTTCCTCAAATGGTTTTGCACAAAGCCCAGATGGAGT
TCTAACTCTTAAATGTGTTAATCCACTCACTACCGCCAGCGGACCCCTCCAACTTAAAGTTGGAAGC
AGTCTTACAGTAGATACTATCGATGGGTCTTTGGAGGAAAATATAACTGCCGAAGCGCCACTCACTA
AAACTAACCACTCCATAGGTTTATTAATAGGATCTGGCTTGCAAACAAAGGATGATAAACTTTGTTT
ATCGCTGGGAGATGGGTTGGTAACAAAGGATGATAAACTATGTTTATCGCTGGGAGATGGGTTAATA
ACAAAAAATGATGTACTATGTGCCAAACTAGGACATGGCCTTGTGTTTGACTCTTCCAATGCTATCA
CCATAGAAAACAACACCTTGTGGACAGGCGCAAAACCAAGCGCCAACTGTGTAATTAAAGAGGGAGA
AGATTCCCCAGACTGTAAGCTCACTTTAGTTCTAGTGAAGAATGGAGGACTGATAAATGGATACATA
ACATTAATGGGAGCCTCAGAATATACTAACACCTTGTTTAAAAACAATCAAGTTACAATCGATGTAA
ACCTCGCATTTGATAATACTGGCCAAATTATTACTTACCTATCATCCCTTAAAAGTAACCTGAACTT
TAAAGACAACCAAAACATGGCTACTGGAACCATAACCAGTGCCAAAGGCTTCATGCCCAGCACCACC
GCCTATCCATTTATAACATACGCCACTGAGACCCTAAATGAAGATTACATTTATGGAGAGTGTTACT
ACAAATCTACCAATGGAACTCTCTTTCCACTAAAAGTTACTGTCACACTAAACAGACGTATGTTAGC
TTCTGGAATGGCCTATGCTATGAATTTTTCATGGTCTCTAAATGCAGAGGAAGCCCCGGAAACTACC
GAAGTCACTCTCATTACCTCCCCCTTCTTTTTTTCTTATATCAGAGAAGATGAC**TGA**ATGCATTAG
(SEQ ID NO:32)

# FIGURE 7A

Alignment Report of alignment.DNA, using Clustal method with Weighted residue weight table.
Wednesday, March 31, 1999 16:13

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1   A T G G C - C A A A C G A G C T C G G C T A A G C A G C T C C T T C A A T C C G G T C T A C C C C T   Fiber 16 Genbank (SEQ ID NO:33)
1   A T G A A G C G C G C A A G A C C G T C T G A - G A T A C C T T C A A C C C G C G T G T A T C C A T   Ad5/16 Fiber DNA (SEQ ID NO:38)

50   A T G A A G A T G A A A G C A G C T C A C A A C A C C C C T T T A T A A A C C C T G G T T T C A T T   Fiber 16 Genbank
50   A T G A A G A T G A A A G C A G C T C A C A A C A C C C C T T T A T A A A C C C T G G T T T C A T T   Ad5/16 Fiber DNA

100   T C C T C A A A T G G T T T T G C A C A A A G C C C A G A T G G A G T T C T A A C T C T T A A A T G   Fiber 16 Genbank
100   T C C T C A A A T G G T T T T G C A C A A A G C C C A G A T G G A G T T C T A A C T C T T A A A T G   Ad5/16 Fiber DNA

150   T G T T A A T C C A C T C A C T A C C G C C A G C G G A C C C C T C C A A C T T A A A G T T G G A A   Fiber 16 Genbank
150   T G T T A A T C C A C T C A C T A C C G C C A G C G G A C C C C T C C A A C T T A A A G T T G G A A   Ad5/16 Fiber DNA

200   G C A G T C T T A C A G T A G A T A C T A T C G A T G G G T C T T T G G A G G A A A A T A T A A C T   Fiber 16 Genbank
200   G C A G T C T T A C A G T A G A T A C T A T C G A T G G G T C T T T G G A G G A A A A T A T A A C T   Ad5/16 Fiber DNA

250   G C C G C A G C G C C A C T C A C T A A A A C T A A C C A C T C C A T A G G T T T A T T A A T A G G   Fiber 16 Genbank
250   G C C G A A G C G C C A C T C A C T A A A A C T A A C C A C T C C A T A G G T T T A T T A A T A G G   Ad5/16 Fiber DNA

300   A T C T G G C T T G C A A A C A A A G G A T G A T A A A C T T T G T T T A T C G C T G G G A G A T G   Fiber 16 Genbank
300   A T C T G G C T T G C A A A C A A A G G A T G A T A A A C T T T G T T T A T C G C T G G G A G A T G   Ad5/16 Fiber DNA

350   G G T T G G T A A C A A A G G A T G A T A A A C T A T G T T T A T C G C T G G G A G A T G G G T T A   Fiber 16 Genbank
350   G G T T G G T A A C A A A G G A T G A T A A A C T A T G T T T A T C G C T G G G A G A T G G G T T A   Ad5/16 Fiber DNA

400   A T A A C A A A A A A T G A T G T A C T A T G T G C C A A A C T A G G A C A T G G C C T T G T G T T   Fiber 16 Genbank
406   A T A A C A A A A A A T G A T G T A C T A T G T G C C A A A C T A G G A C A T G G C C T T G T G T T   Ad5/16 Fiber DNA

450   T G A C T C T T C C A A T G C T A T C A C C A T A G A A A A C A A C A C C T T G T G G A C A G G C G   Fiber 16 Genbank
450   T G A C T C T T C C A A T G C T A T C A C C A T A G A A A A C A A C A C C T T G T G G A C A G G C G   Ad5/16 Fiber DNA

500   C A A A A C C A A G C G C C A A C T G T G T A A T T A A A G A G G G A G A A G A T T C C C C A G A C   Fiber 16 Genbank
500   C A A A A C C A A G C G C C A A C T G T G T A A T T A A A G A G G G A G A A G A T T C C C C A G A C   Ad5/16 Fiber DNA

550   T G T A A G C T C A C T T T A G T T C T A G T G A A G A A T G G A G G A C T G A T A A A T G G A T A   Fiber 16 Genbank
550   T G T A A G C T C A C T T T A G T T C T A G T G A A G A A T G G A G G A C T G A T A A A T G G A T A   Ad5/16 Fiber DNA

600   C A T A A C A T T A A T G G G A G C C T C A G A A T A T A C T A A C A C C T T G T T T A A A A A C A   Fiber 16 Genbank
600   C A T A A C A T T A A T G G G A G C C T C A G A A T A T A C T A A C A C C T T G T T T A A A A A C A   Ad5/16 Fiber DNA

650   A T C A A G T T A C A A T C G A T G T A A A C C T C G C A T T T G A T A A T A C T G G C C A A A T T   Fiber 16 Genbank
650   A T C A A G T T A C A A T C G A T G T A A A C C T C G C A T T T G A T A A T A C T G G C C A A A T T   Ad5/16 Fiber DNA

700   A T T A C T T A C C T A T C A T C C C T T A A A A G T A A C C T G A A C T T T A A A G A C A A C C A   Fiber 16 Genbank
700   A T T A C T T A C C T A T C A T C C C T T A A A A G T A A C C T G A A C T T T A A A G A C A A C C A   Ad5/16 Fiber DNA

750   A A A C A T G G C T A C T G G A A C C A T A A C C A G T G C C A A A G G C T T C A T G C C C A G C A   Fiber 16 Genbank
750   A A A C A T G G C T A C T G G A A C C A T A A C C A G T G C C A A A G G C T T C A T G C C C A G C A   Ad5/16 Fiber DNA

800   C C A C C G C C T A T C C A T T T A T A A C A T A C G C C A C T G A G A C C C T A A A T G A A G A T   Fiber 16 Genbank
800   C C A C C G C C T A T C C A T T T A T A A C A T A C G C C A C T G A G A C C C T A A A T G A A G A T   Ad5/16 Fiber DNA

850   T A C A T T T A T G G A G A G T G T T A C T A C A A A T C T A C C A A T G G A A C T C T C T T T C C   Fiber 16 Genbank
850   T A C A T T T A T G G A G A G T G T T A C T A C A A A T C T A C C A A T G G A A C T C T C T T T C C   Ad5/16 Fiber DNA

900   A C T A A A A G T T A C T G T C A C A C T A A A C A G A C G T A T G T T A G C T T C T G G A A T G G   Fiber 16 Genbank
900   A C T A A A A G T T A C T G T C A C A C T A A A C A G A C G T A T G T T A G C T T C T G G A A T G G   Ad5/16 Fiber DNA

950   C C T A T G C T A T G A A T T T T T T C A T G G T C T C T A A A T G C A G A G G A A G C C C C G G A A   Fiber 16 Genbank
950   C C T A T G C T A T G A A T T T T T T C A T G G T C T C T A A A T G C A G A G G A A G C C C C G G A A   Ad5/16 Fiber DNA

1000   A C T A C C G A A G T C A C T C T C A T T A C C T C C C C C T T C T T T T T T T C T T A T A T C A G   Fiber 16 Genbank
1000   A C T A C C G A A G T C A C T C T C A T T A C C T C C C C C T T C T T T T T T T C T T A T A T C A G   Ad5/16 Fiber DNA

1050   A G A A G A T G A C T G A                                                                          Fiber 16 Genbank
1050   A G A A G A T G A C T G A A T G C A T T A G T T T G T G T T A T G T T T C A A C G T G T T T A T T T   Ad5/16 Fiber DNA

1062                                                                                                     Fiber 16 Genbank
1100   T C A A T T G                                                                                      Ad5/16 Fiber DNA
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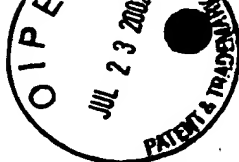Decoration 'Decoration #1': Box residues that differ from Fiber 16 Genbank.

Alignment Report of alignment.prot, using Clustal method with PAM250 residue weight table.
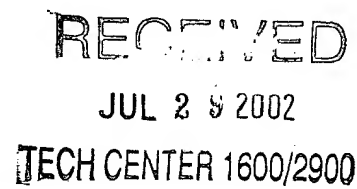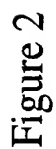Wednesday, March 31, 1999 16:19

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1   M A K R A R L S S - S F N P V Y P Y E D E S S S Q H P F I N  genbank Fiber 16    (SEQ ID NO:35)
1   M - K R A R P S E D T F N P V Y P Y E D E S S S Q H P F I N  chimeric Ad5/Fib16  (SEQ ID NO:34)


30  P G F I S S N G F A Q S P D G V L T L K C V N P L T T A S G  genbank Fiber 16
30  P G F I S S N G F A Q S P D G V L T L K C V N P L T T A S G  chimeric Ad5/Fib16


60  P L Q L K V G S S L T V D T I D G S L E E N I T A A A P L T  genbank Fiber 16
60  P L Q L K V G S S L T V D T I D G S L E E N I T A A A P L T  chimeric Ad5/Fib16


90  K T N H S I G L L I G S G L Q T K D D K L C L S L G D G L V  genbank Fiber 16
90  K T N H S I G L L I G S G L Q T K D D K L C L S L E D G L V  chimeric Ad5/Fib16


120 T K D D K L C L S L G D G L I T K N D V L C A K L G H G L V  genbank Fiber 16
120 T K D D K L C L S L G D G L I T K N D V L C A K L G H G L V  chimeric Ad5/Fib16


150 F D S S N A I T I E N N T L W T G A K P S A N C V I K E G E  genbank Fiber 16
150 F D S S N A I T I E N N T L W T G A K P S A N C V I K E G E  chimeric Ad5/Fib16


180 D S P D C K L T L V L V K N G G L I N G Y I T L M G A S E Y  genbank Fiber 16
180 D S P D C K L T L V L V K N G G L I N G Y I T L M G A S E Y  chimeric Ad5/Fib16


210 T N T L F K N N Q V T I D V N L A F D N T G Q I I T Y L S S  genbank Fiber 16
210 T N T L F K N N Q V T I D V N L A F D N T G Q I I T Y L S S  chimeric Ad5/Fib16


240 L K S N L N F K D N Q N M A T G T I T S A K G F M P S T T A  genbank Fiber 16
240 L K S N L N F K D N Q N M A T G T I T S A K G F M P S T T A  chimeric Ad5/Fib16


270 Y P F I T Y A T E T L N E D Y I Y G E C Y Y K S T N G T L F  genbank Fiber 16
270 Y P F I T Y A T E T L N E D Y I Y G E C Y Y K S T N G T L F  chimeric Ad5/Fib16


300 P L K V T V T L N R R M L A S G M A Y A M N F S W S L N A E  genbank Fiber 16
300 P L K V T V T L N R R M L A S G M A Y A M N F S W S L N A E  chimeric Ad5/Fib16


330 E A P E T T E V T L I T S P F F F S Y I R E D D              genbank Fiber 16
330 E A P E T T E V T L I T S P F F F S Y I R E D D              chimeric Ad5/Fib16
```

Decoration 'Decoration #1': Box residues that differ from genbank Fiber 16 .

Figure 2



BamHI    NdeI    Fiber    SbfI    ITR

NY-UP    NY-DOWN

PCR fragment

NdeI    NsiI    SbfI

NY-UP : 5'-CGA **CAT ATG** TAG **ATG CAT** TAG TTT GTG TTA TGT TTC AAC GTG-3' (SEQ ID NO: 36)
　　　　　　NdeI　　　　　NsiI

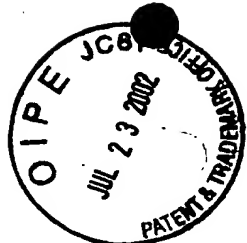NY-DOWN : 5'-GGA GAC CAC TGC CAT GTT G-3' (SEQ ID NO: 37)

Figure 4: Sequence of Ad5/fib16 chimeric fiber

**ATG**AAGCGCGCAAGACCGTCTGAAGATACCTTCAACCCCGTGTATCCATATGAAGATGAAAGCAGCT
CACAACACCCCTTTATAAACCCTGGTTTCATTTCCTCAAATGGTTTTGCACAAAGCCCAGATGGAGT
TCTAACTCTTAAATGTGTTAATCCACTCACTACCGCCAGCGGACCCCTCCAACTTAAAGTTGGAAGC
AGTCTTACAGTAGATACTATCGATGGGTCTTTGGAGGAAAATATAACTGCCGAAGCGCCACTCACTA
AAACTAACCACTCCATAGGTTTATTAATAGGATCTGGCTTGCAAACAAAGGATGATAAACTTTGTTT
ATCGCTGGGAGATGGGTTGGTAACAAAGGATGATAAACTATGTTTATCGCTGGGAGATGGGTTAATA
ACAAAAAATGATGTACTATGTGCCAAACTAGGACATGGCCTTGTGTTTGACTCTTCCAATGCTATCA
CCATAGAAAACAACACCTTGTGGACAGGCGCAAAACCAAGCGCCAACTGTGTAATTAAAGAGGGAGA
AGATTCCCCAGACTGTAAGCTCACTTTAGTTCTAGTGAAGAATGGAGGACTGATAAATGGATACATA
ACATTAATGGGAGCCTCAGAATATACTAACACCTTGTTTAAAAACAATCAAGTTACAATCGATGTAA
ACCTCGCATTTGATAATACTGGCCAAATTATTACTTACCTATCATCCCTTAAAAGTAACCTGAACTT
TAAAGACAACCAAAACATGGCTACTGGAACCATAACCAGTGCCAAAGGCTTCATGCCCAGCACCACC
GCCTATCCATTTATAACATACGCCACTGAGACCCTAAATGAAGATTACATTTATGGAGAGTGTTACT
ACAAATCTACCAATGGAACTCTCTTTCCACTAAAAGTTACTGTCACACTAAACAGACGTATGTTAGC
TTCTGGAATGGCCTATGCTATGAATTTTTCATGGTCTCTAAATGCAGAGGAAGCCCCGGAAACTACC
GAAGTCACTCTCATTACCTCCCCCTTCTTTTTTTCTTATATCAGAGAAGATGAC**TGA**ATGCATTAG

(SEQ 1D NO: 32)

Alignment Report of alignment.DNA, using Clustal method with Weighted residue weight table.
Wednesday, March 31, 1999 16:13

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1   A T G G C - C A A A C G A G C T C G G C T A A G C A G C T C C T T C A A T C C G G T C T A C C C C T  Fiber 16 Genbank (SEQ ID NO 33)
1   A T G A A G C G C G C A A G A C C G T C T G A A - G A T A C C T T C A A C C C C G T G T A T C C A T  Ad5/16 Fiber DNA (SEQ ID NO 38)

50  A T G A A G A T G A A A G C A G C T C A C A A C A C C C C T T T A T A A A C C C T G G T T T C A T T  Fiber 16 Genbank
50  A T G A A G A T G A A A G C A G C T C A C A A C A C C C C T T T A T A A A C C C T G G T T T C A T T  Ad5/16 Fiber DNA

100 T C C T C A A A T G G T T T T G C A C A A A G C C C A G A T G G A G T T C T A A C T C T T A A A T G  Fiber 16 Genbank
100 T C C T C A A A T G G T T T T G C A C A A A G C C C A G A T G G A G T T C T A A C T C T T A A A T G  Ad5/16 Fiber DNA

150 T G T T A A T C C A C T C A C T A C C G C C A G C G G A C C C C T C C A A C T T A A A G T T G G A A  Fiber 16 Genbank
150 T G T T A A T C C A C T C A C T A C C G C C A G C G G A C C C C T C C A A C T T A A A G T T G G A A  Ad5/16 Fiber DNA

200 G C A G T C T T A C A G T A G A T A C T A T C G A T G G G T C T T T G G A G G A A A A T A T A A C T  Fiber 16 Genbank
200 G C A G T C T T A C A G T A G A T A C T A T C G A T G G G T C T T T G G A G G A A A A T A T A A C T  Ad5/16 Fiber DNA

250 G C C G C A G C G C C A C T C A C T A A A A C T A A C C A C T C C A T A G G T T T A T T A A T A G G  Fiber 16 Genbank
250 G C C G A A G C G C C A C T C A C T A A A A C T A A C C A C T C C A T A G G T T T A T T A A T A G G  Ad5/16 Fiber DNA

300 A T C T G G C T T G C A A A C A A A G G A T G A T A A A C T T T G T T T A T C G C T G G G A G A T G  Fiber 16 Genbank
300 A T C T G G C T T G C A A A C A A A G G A T G A T A A A C T T T G T T T A T C G C T G G G A G A T G  Ad5/16 Fiber DNA

350 G G T T G G T A A C A A A G G A T G A T A A A C T A T G T T T A T C G C T G G G A G A T G G G T T A  Fiber 16 Genbank
350 G G T T G G T A A C A A A G G A T G A T A A A C T A T G T T T A T C G C T G G G A G A T G G G T T A  Ad5/16 Fiber DNA

400 A T A A C A A A A A A T G A T G T A C T A T G T G C C A A A C T A G G A C A T G G C C T T G T G T T  Fiber 16 Genbank
400 A T A A C A A A A A A T G A T G T A C T A T G T G C C A A A C T A G G A C A T G G C C T T G T G T T  Ad5/16 Fiber DNA

450 T G A C T C T T C C A A T G C T A T C A C C A T A G A A A A C A A C A C C T T G T G G A C A G G C G  Fiber 16 Genbank
450 T G A C T C T T C C A A T G C T A T C A C C A T A G A A A A C A A C A C C T T G T G G A C A G G C G  Ad5/16 Fiber DNA

500 C A A A A C C A A G C G C C A A C T G T G T A A T T A A A G A G G G A G A A G A T T C C C C A G A C  Fiber 16 Genbank
500 C A A A A C C A A G C G C C A A C T G T G T A A T T A A A G A G G G A G A A G A T T C C C C A G A C  Ad5/16 Fiber DNA

550 T G T A A G C T C A C T T T A G T T C T A G T G A A G A A T G G A G G A C T G A T A A A T G G A T A  Fiber 16 Genbank
550 T G T A A G C T C A C T T T A G T T C T A G T G A A G A A T G G A G G A C T G A T A A A T G G A T A  Ad5/16 Fiber DNA

600 C A T A A C A T T A A T G G G A G C C T C A G A A T A T A C T A A C A C C T T G T T T A A A A A C A  Fiber 16 Genbank
600 C A T A A C A T T A A T G G G A G C C T C A G A A T A T A C T A A C A C C T T G T T T A A A A A C A  Ad5/16 Fiber DNA

650 A T C A A G T T A C A A T C G A T G T A A A C C T C G C A T T T G A T A A T A C T G G C C A A A T T  Fiber 16 Genbank
650 A T C A A G T T A C A A T C G A T G T A A A C C T C G C A T T T G A T A A T A C T G G C C A A A T T  Ad5/16 Fiber DNA

700 A T T A C T T A C C T A T C A T C C C T T A A A A G T A A C C T G A A C T T T A A A G A C A A C C A  Fiber 16 Genbank
700 A T T A C T T A C C T A T C A T C C C T T A A A A G T A A C C T G A A C T T T A A A G A C A A C C A  Ad5/16 Fiber DNA

750 A A A C A T G G C T A C T G G A A C C A T A A C C A G T G C C A A A G G C T T C A T G C C C A G C A  Fiber 16 Genbank
750 A A A C A T G G C T A C T G G A A C C A T A A C C A G T G C C A A A G G C T T C A T G C C C A G C A  Ad5/16 Fiber DNA

800 C C A C C G C C T A T C C A T T T A T A A C A T A C G C C A C T G A G A C C C T A A A T G A A G A T  Fiber 16 Genbank
800 C C A C C G C C T A T C C A T T T A T A A C A T A C G C C A C T G A G A C C C T A A A T G A A G A T  Ad5/16 Fiber DNA

850 T A C A T T T A T G G A G A G T G T T A C T A C A A A T C T A C C A A T G G A A C T C T C T T T C C  Fiber 16 Genbank
850 T A C A T T T A T G G A G A G T G T T A C T A C A A A T C T A C C A A T G G A A C T C T C T T T C C  Ad5/16 Fiber DNA

900 A C T A A A A G T T A C T G T C A C A C T A A A C A G A C G T A T G T T A G C T T C T G G A A T G G  Fiber 16 Genbank
900 A C T A A A A G T T A C T G T C A C A C T A A A C A G A C G T A T G T T A G C T T C T G G A A T G G  Ad5/16 Fiber DNA

950 C C T A T G C T A T G A A T T T T T C A T G G T C T C T A A A T G C A G A G G A A G C C C C G G A A  Fiber 16 Genbank
950 C C T A T G C T A T G A A T T T T T C A T G G T C T C T A A A T G C A G A G G A A G C C C C G G A A  Ad5/16 Fiber DNA

1000 A C T A C C G A A G T C A C T C T C A T T A C C T C C C C C T T C T T T T T T T C T T A T A T C A G  Fiber 16 Genbank
1000 A C T A C C G A A G T C A C T C T C A T T A C C T C C C C C T T C T T T T T T T C T T A T A T C A G  Ad5/16 Fiber DNA

1050 A G A A G A T G A C T G A                                                              Fiber 16 Genbank
1050 A G A A G A T G A C T G A A T G C A T T A G T T T G T G T T A T G T T T C A A C G T G T T T A T T T  Ad5/16 Fiber DNA

1062                                                                                      Fiber 16 Genbank
1100 T C A A T T G                                                                          Ad5/16 Fiber DNA
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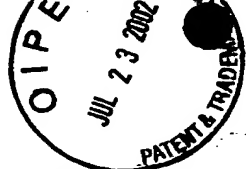Decoration 'Decoration #1': Box residues that differ from Fiber 16 Genbank.

## FIGURE 7B

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1    M A K R A R L S S - S F N P V Y P Y E D E S S S Q H P F I N   genbank Fiber 16   (SEQ ID NO: 35)
1    M - K R A R P S E D T F N P V Y P Y E D E S S S Q H P F I N   chimeric Ad5/Fib16 (SEQ ID NO: 34)

30   P G F I S S N G F A Q S P D G V L T L K C V N P L T T A S G   genbank Fiber 16
30   P G F I S S N G F A Q S P D G V L T L K C V N P L T T A S G   chimeric Ad5/Fib16

60   P L Q L K V G S S L T V D T I D G S L E E N I T A A A P L T   genbank Fiber 16
60   P L Q L K V G S S L T V D T I D G S L E E N I T A A A P L T   chimeric Ad5/Fib16

90   K T N H S I G L L I G S G L Q T K D D K L C L S L G D G L V   genbank Fiber 16
90   K T N H S I G L L I G S G L Q T K D D K L C L S L E D G L V   chimeric Ad5/Fib16

120  T K D D K L C L S L G D G L I T K N D V L C A K L G H G L V   genbank Fiber 16
120  T K D D K L C L S L G D G L I T K N D V L C A K L G H G L V   chimeric Ad5/Fib16

150  F D S S N A I T I E N N T L W T G A K P S A N C V I K E G E   genbank Fiber 16
150  F D S S N A I T I E N N T L W T G A K P S A N C V I K E G E   chimeric Ad5/Fib16

180  D S P D C K L T L V L V K N G G L I N G Y I T L M G A S E Y   genbank Fiber 16
180  D S P D C K L T L V L V K N G G L I N G Y I T L M G A S E Y   chimeric Ad5/Fib16

210  T N T L F K N N Q V T I D V N L A F D N T G Q I I T Y L S S   genbank Fiber 16
210  T N T L F K N N Q V T I D V N L A F D N T G Q I I T Y L S S   chimeric Ad5/Fib16

240  L K S N L N F K D N Q N M A T G T I T S A K G F M P S T T A   genbank Fiber 16
240  L K S N L N F K D N Q N M A T G T I T S A K G F M P S T T A   chimeric Ad5/Fib16

270  Y P F I T Y A T E T L N E D Y I Y G E C Y Y K S T N G T L F   genbank Fiber 16
270  Y P F I T Y A T E T L N E D Y I Y G E C Y Y K S T N G T L F   chimeric Ad5/Fib16

300  P L K V T V T L N R R M L A S G M A Y A M N F S W S L N A E   genbank Fiber 16
300  P L K V T V T L N R R M L A S G M A Y A M N F S W S L N A E   chimeric Ad5/Fib16

330  E A P E T T E V T L I T S P F F F S Y I R E D D               genbank Fiber 16
330  E A P E T T E V T L I T S P F F F S Y I R E D D               chimeric Ad5/Fib16
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Decoration 'Decoration #1': Box residues that differ from genbank Fiber 16 .